



INTERMEDIATE STATE PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth here in.

Intermediate Operating Permit Number:

Expiration Date:

Installation ID: 187-0001

Project Number: 2002-07-063

Installation Name and Address

Lead Belt Materials Co., Inc.
600 Mill St.
PO Box 607
Park Hills, MO 63601
St. Francois County

Parent Company's Name and Address

Lead Belt Materials Co., Inc.
600 Mill St.
PO Box 706
Park Hills, MO 63601

Installation Description:

This installation consists of four plants at one site – two rock crushing plants, referred to as Rock Crushing Plant Number 1 and Rock Crushing Plant Number 2; an asphalt plant; and a pugmill – all of which are owned by the permittee. A plant not owned by the permittee may be co-located with the permittee's four plants at this site.

Effective Date

Director or Designee
Department of Natural Resources

Table of Contents

I. INSTALLATION DESCRIPTION AND EQUIPMENT LISTING	4
INSTALLATION DESCRIPTION	4
EMISSION UNITS WITH LIMITATIONS	4
EMISSION UNITS WITHOUT LIMITATIONS	5
DOCUMENTS INCORPORATED BY REFERENCE	6
DEFINITIONS	6
II. PLANT WIDE EMISSION LIMITATIONS	7
PERMIT CONDITION PW001	7
10 CSR 10-6.060 Construction Permits Required	7
Construction Permit # 082005-023, Issued August 29, 2005.....	7
PERMIT CONDITION PW002	8
10 CSR 10-6.060 Construction Permits Required	8
Construction Permit # 082005-023, Issued August 29, 2005.....	8
PERMIT CONDITION PW003	9
10 CSR 10-6.060 Construction Permits Required	9
Construction Permit # 082005-023, Issued August 29, 2005.....	9
PERMIT CONDITION PW004	10
10 CSR 10-6.060 Construction Permits Required	10
Construction Permit # 082005-023, Issued August 29, 2005.....	10
III. EMISSION UNIT SPECIFIC EMISSION LIMITATIONS	11
EU0010 THROUGH EU0090 – DRILLING AND OLD PART OF ROCK CRUSHING PLANT NUMBER 1.....	11
PERMIT CONDITION (EU0030 THROUGH EU0090)-001 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants	11
EU0100 THROUGH EU0180 – NEW PART OF ROCK CRUSHING PLANT NUMBER 1, ROCK CRUSHING PLANT NUMBER 2, AND PUGMILL	13
PERMIT CONDITION (EU0100 THROUGH EU0180)-001 10 CSR 10-6.070 New Source Performance Regulations and 40 CFR Part 60, Subpart A General Provisions and Subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants	13
EU0190 – DIESEL ENGINE.....	18
PERMIT CONDITION EU0190-001 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds.....	18
EU0200 THROUGH EU0240 – ASPHALT PLANT	19
PERMIT CONDITION (EU0200 THROUGH EU0240)-001 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants	19
PERMIT CONDITION (EU0210 AND EU0220)-002 10 CSR 10-6.060 Construction Permits Required Construction Permit # 082005-023, Issued August 29, 2005.....	21
PERMIT CONDITION (EU0210 AND EU0220)-003 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds.....	21
PERMIT CONDITION (EU0210 AND EU0220)-004 10 CSR 10-6.400 Restriction of Emission of Particulate Matter From Industrial Processes.....	22
EU0250 THROUGH EU0380 – STOCKPILES AND HAUL ROADS	23
PERMIT CONDITION (EU0250 THROUGH EU0380)-001 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants	23
PERMIT CONDITION (EU0250 THROUGH EU0270)-002 10 CSR 10-6.060 Construction Permits Required Construction Permit # 082005-023, Issued August 29, 2005.....	24
PERMIT CONDITION (EU0250 THROUGH EU0320)-003	25
10 CSR 10-6.060 Construction Permits Required	

Construction Permit # 082005-023, Issued August 29, 2005.....	25
PERMIT CONDITION (EU0330 AND EU0340)-004	
10 CSR 10-6.060 Construction Permits Required	
Construction Permit # 082005-023, Issued August 29, 2005.....	26
PERMIT CONDITION (EU0350 THROUGH EU0380)-005	
10 CSR 10-6.060 Construction Permits Required	
Construction Permit # 082005-023, Issued August 29, 2005.....	27
IV. CORE PERMIT REQUIREMENTS	28
V. GENERAL PERMIT REQUIREMENTS.....	33
VI. ATTACHMENTS	37
ATTACHMENT A.....	38
ATTACHMENT B.....	39
ATTACHMENT C.....	40
ATTACHMENT D1.....	41
ATTACHMENT D2.....	42
ATTACHMENT E.....	43
ATTACHMENT F.....	44
ATTACHMENT G.....	45
ATTACHMENT H.....	46
ATTACHMENT I.....	47
ATTACHMENT J.....	48
ATTACHMENT K.....	49
ATTACHMENT L.....	50

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I. Installation Description and Equipment Listing

INSTALLATION DESCRIPTION

This installation consists of four plants at one site – two rock crushing plants, referred to as Rock Crushing Plant Number 1 and Rock Crushing Plant Number 2; an asphalt plant; and a pugmill – all of which are owned by the permittee. A plant not owned by the permittee may be co-located with the permittee's four plants at this site.

Reported Air Pollutant Emissions, tons per year							
Year	Particulate Matter ≤ Ten Microns (PM-10)	Sulfur Oxides (SO _x)	Nitrogen Oxides (NO _x)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Lead (Pb)	Hazardous Air Pollutants (HAPs)
2005	14.20	0.39	6.87	0.84	19.89	-	-
2004	15.85	0.41	7.08	0.92	23.58	-	-
2003	14.46	0.43	7.16	0.83	17.33	-	-
2002	13.90	0.31	5.37	0.73	19.57	-	-
2001	4.30	3.36	4.91	1.29	2.51	-	-

EMISSION UNITS WITH LIMITATIONS

The following list provides a description of the equipment at this installation which emits air pollutants and which is identified as having unit-specific emission limitations.

Emission Unit #	Description of Emission Unit	
	Drilling	
EU0010	Drilling for Rock Crushing Plant Number 1	EP-1A
EU0020	Drilling for Rock Crushing Plant Number 2	EP-1E
	Rock Crushing Plant Number 1	
EU0030	Bin on Primary Crusher With Underconveyor	EP-18A
EU0040	Scalping Screen	EP-6A
EU0050	Secondary Crusher	EP-7A
EU0060	Conveyor From Secondary Crusher to Finish Screen	EP-8A
EU0070	Finish Screen	EP-9A
EU0080	Conveyor From Finish Screen to Secondary Crusher	EP-10A
EU0090	Conveyors From Finish Screen to Haul Trucks	EP-19A (EP-12A, EP-14A, EP-15A)
EU0100	Grizzly Feeder	EP-3A
EU0110	Primary Crusher	EP-4A
EU0120	Conveyor From Primary Crusher to Scalping Screen	EP-5A
	Rock Crushing Plant Number 2	
EU0130	Crusher	EP-2E
EU0140	Conveyor From Crusher to Screen	EP-3E
EU0150	Conveyor From Screen to Crusher	EP-4E
EU0160	Screen	EP-5E
EU0170	Conveyors From Screen to Haul Trucks	EP-6E, EP-7E, EP-8E

<i>Pugmill</i>		
EU0180	Pugmill Cold Bin	EP-1B
<i>Diesel Engine</i>		
EU0190	Diesel Engine on Rock Crushing Plant Number 2 Crusher	EP-11E
<i>Asphalt Plant</i>		
EU0200	Asphalt Plant Cold Bins	EP-1
EU0210	Drum Dryer, 1969	EP-2
EU0220	Elevators, Screens, Bins and Mixer	EP-4
EU0230	Hot Asphalt Silo Loading	EP-7
EU0240	Hot Asphalt Loadout	EP-8
<i>Stockpiles</i>		
EU0250	Rock Crushing Plant Number 1 Stockpile	EP-13A
EU0260	Rock Crushing Plant Number 2 Stockpile	EP-9E
EU0270	Pugmill Stockpile	EP-2B
<i>Shorter Unpaved Haul Roads</i>		
EU0280	Asphalt Plant Unpaved Haul Road, 0.2 mile	EP-6
EU0290	Pit to Rock Crushing Plant Number 1 Unpaved Haul Road, 0.1 mile	EP-16A
EU0300	Rock Crushing Plant Number 1 to Stockpile Unpaved Haul Road, 0.1 mile	EP-16A1
EU0310	Pit to Rock Crushing Plant Number 2 Unpaved Haul Road, 0.1 mile	EP-10E
EU0320	Rock Crushing Plant Number 2 to Stockpile Unpaved Haul Road, 0.1 mile	EP-10E1
<i>Longer Unpaved Haul Roads</i>		
EU0330	Rock Crushing Plant Number 1 Sales Unpaved Haul Road, 0.5 mile	EP-16A2
EU0340	Rock Crushing Plant Number 2 Sales Unpaved Haul Road, 0.2 mile	EP-10E2
<i>Paved Haul Roads</i>		
EU0350	Asphalt Plant Paved Haul Road, 0.6 mile	EP-6A1
EU0360	Rock Crushing Plant Number 1 Sales Paved Haul Road, 0.5 mile	EP-16A3
EU0370	Rock Crushing Plant Number 2 Sales Paved Haul Road, 0.5 mile	EP-10E3
EU0380	Pugmill Paved Haul Road, 0.3 mile	EP-3B

EMISSION UNITS WITHOUT LIMITATIONS

The following list provides a description of the equipment which does not have unit specific limitations at the time of permit issuance.

<u>Description of Emission Source</u>	<u>EP #</u>
Unloading rock to Grizzly Feeder at Rock Crushing Plant Number 1	EP-17A
Unloading rock to Crusher at Rock Crushing Plant Number 2	EP-12E
Asphalt heater	EP-3
Storage tank for asphalt, horizontal fixed roof, 25,000-gallon capacity	EP-5

Storage tank for asphalt, horizontal fixed roof, 11,000-gallon capacity	EP-5
Storage tank for asphalt, vertical fixed roof, 11,000-gallon capacity	EP-5
Storage tank for #2 diesel fuel oil, vertical fixed roof, 12,785-gallon capacity	EP-5
Storage tank for #2 diesel fuel oil, horizontal fixed roof, 940-gallon capacity	EP-5
Two storage tanks for #2 diesel fuel oil, horizontal fixed roof, 120-gallon capacity each	EP-5
Storage tank for gasoline, horizontal fixed roof, 1,020-gallon capacity	EP-5G

The installation also has activities not required to be listed, including the following:

- 1) Plant maintenance and upkeep activities
- 2) Repair or maintenance shop activities
- 3) Portable electrical generators
- 4) Air compressors and pneumatically operated equipment
- 5) Equipment used for quality control/assurance or inspection purposes

DOCUMENTS INCORPORATED BY REFERENCE

This document has been incorporated by reference into this permit.

Construction Permit 082005-023, issued August 29, 2005.

DEFINITIONS

Definitions of some of the terms and abbreviations used in this permit follow.

APCP: the Air Pollution Control Program of the Division of Environmental Quality of the Missouri Department of Natural Resources

EPA: United States Environmental Protection Agency

NAAQS: National Ambient Air Quality Standard

MHDR: Maximum Hourly Design Rate

MMBtu: Million British thermal units

PM₁₀: particulate matter less than 10 microns in diameter

ppmv: parts per million by volume

Scenario 1: multi-plant operation of any combination of the four plants at this site owned by the permittee – rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill

Scenario 2: multi-plant operation of any combination of the four plants in Scenario 1 *and* one or more additional, co-located plants which may not be owned by the permittee

This site: Installation ID 187-0001

VMT: Vehicular Miles Traveled

II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

PERMIT CONDITION PW001

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Operational Limitations:

- 1) When operating under Scenario 1, the permittee is prohibited from operating this installation (consisting of rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill) concurrently with any other plant(s) at this site until an evaluation is done and approval given by the APCP.
- 2) When operating under Scenario 2, the permittee may operate this installation concurrently with other plant(s) at this site only after an evaluation is done and approval given by the APCP.

Monitoring/Recordkeeping:

- 1) One or more of the following three items shall be the only acceptable proof that an evaluation was done and approval given by the APCP:
 - a) A construction permit issued by the APCP for a plant, explicitly stating that it may operate at this site,
 - b) An operating permit issued by the APCP for a plant, explicitly stating that it may operate at this site, or
 - c) A letter from the APCP regarding a plant, explicitly stating that it may operate at this site.
- 2) The permittee shall keep any such permits and letters on-site for the life of the permitted plant. They may be kept in either written or electronic form.
- 3) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after any deviation from the operational limitation of this permit condition.
- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION PW002

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Emission Limitation:

- 1) The permittee shall demonstrate that the daily impact on ambient air quality from this site does not exceed the 24-hour NAAQS of $150 \mu\text{m}^3$ for PM_{10} at or beyond the nearest property boundary while operating.
 - a) While operating under Scenario 1, the rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill owned by the permittee are the only contributors to the ambient impact, and their combined daily impact must not exceed $150 \mu\text{m}^3$ for PM_{10} at or beyond the nearest property boundary while operating.
 - b) While operating under Scenario 2, the rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill owned by the permittee are contributors to the ambient impact, but not the only contributors, and their combined daily impact must not exceed $127.5 \mu\text{m}^3$ for PM_{10} at or beyond the nearest property boundary while operating. One or more additional co-located plant(s) which may not owned by the permittee also contribute to the ambient impact.
- 2) In any consecutive twelve-month period, the permittee shall emit into the atmosphere less than 100 tons of PM_{10} from the rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill owned by the permittee.

Operational Limitation:

- 1) The installation's Rock Crushing Plant Number 1 shall be located at least 1,000 feet from the nearest property boundary whenever this plant is being operated at this site.
- 2) The installation's Rock Crushing Plant Number 2 shall be located at least 1,250 feet from the nearest property boundary whenever this plant is being operated at this site.
- 3) The installation's asphalt plant shall be located at least 640 feet from the nearest property boundary whenever this plant is being operated at this site.
- 4) The installation's pugmill shall be located at least 500 feet from the nearest property boundary whenever this plant is being operated at this site.

Monitoring/Recordkeeping:

- 1) The permittee shall maintain a daily record of material processed and ambient PM_{10} impact to demonstrate compliance with Emission Limitation 1 of this permit condition.
- 2) Attachments A and C contain forms satisfying the recordkeeping requirements in 1) above.
 - a) While operating under Scenario 1, the permittee must use the form in Attachment A, or an equivalent form created by the permittee, to certify compliance with Emission Limitation 1 of this permit condition.
 - b) While operating under Scenario 2, when the only additional, co-located plant is the Schrum Ready Mix concrete plant which was issued Construction Permit 042004-014 on April 15, 2004, the permittee must use the form in Attachment C, or an equivalent form created by the permittee, to certify compliance with Emission Limitation 1 of this permit condition.
 - c) While operating under Scenario 2, when there are one or more co-located plants in addition to the Schrum Ready Mix concrete plant which was issued Construction Permit 042004-014 on April 15, 2004, the permittee must use a form approved by the APCP to certify compliance with

Emission Limitation 1 of this permit condition.

- 3) The permittee shall maintain a monthly record of material processed and PM₁₀ emitted to demonstrate compliance with Emission Limitation 2 of this permit condition.
- 4) Attachment B contains a form satisfying the recordkeeping requirements in 3) above. This form, or an equivalent form created by the permittee, must be used to certify compliance with this requirement.
- 5) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 6) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after any exceedance of the emission limitations of this permit condition or any deviation from the operational limitations of this permit condition.
- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION PW003

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Operational Limitation:

The permittee shall not place used oil in or on the land, including unpaved roads, unless approved by both the Hazardous Waste Management Program and Water Pollution Control Program of the Missouri Department of Natural Resources.

Monitoring/Recordkeeping:

- 1) The permittee shall keep records indicating that only approved oil sprays are applied for dust suppression at this site. The following are approved oil sprays:
 - a) Missouri Petroleum MC30 Liquid Asphalt, and
 - b) Any alternate oil spray approved by the APCP, the Hazardous Waste Management Program, and the Water Pollution Control Program of the Missouri Department of Natural Resources. All three approvals must be in written or electronic form.
- 2) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 3) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determines that used oil, other than that in approved oil sprays, was placed in or on the land.

- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION PW004

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Operational Limitation:

The permittee shall only use uncontaminated nonmetallic minerals as the source material.

Monitoring/Recordkeeping:

- 1) The permittee shall keep records indicating that the source material used at this site was only uncontaminated nonmetallic minerals.
- 2) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 3) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determines that contaminated and/or nonmetallic minerals were used as source material at this site.
- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

EU0010 THROUGH EU0090 – DRILLING AND OLD PART OF ROCK CRUSHING PLANT NUMBER 1			
Emission Unit			EQ #
<i>Drilling</i>			
EU0010	Drilling for Rock Crushing Plant Number 1, MHDR = 150 tons/hr	Unknown	EP-1A
EU0020	Drilling for Rock Crushing Plant Number 2	Unknown	EP-1E
<i>Old Part of Rock Crushing Plant Number 1</i>			
EU0030	Bin on Primary Crusher With Underconveyor, constructed before 1977, MHDR = 225 tons/hr	Homemade	EP-18A
EU0040	Scalping Screen, constructed 1980, MHDR = 225 tons/hr	Peerless/3050DR	EP-6A
EU0050	Secondary Crusher, constructed 1978, MHDR = 225 tons/hr	Rexnord	EP-7A
EU0060	Conveyor From Secondary Crusher to Finish Screen, constructed before 1977, MHDR = 225 tons/hr	Unknown	EP-8A
EU0070	Finish Screen, constructed 1948, MHDR = 225 tons/hr	Cedarapids	EP-9A
EU0080	Conveyor From Finish Screen to Secondary Crusher, constructed before 1977, MHDR = 225 tons/hr	Unknown	EP-10A
EU0090	Conveyors From Finish Screen to Haul Trucks, constructed before 1977, MHDR = 225 tons/hr each	Unknown	EP-19A (EP-12A, EP-14A, and EP-15A)

PERMIT CONDITION (EU0030 THROUGH EU0090)-001
10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants

Emission Limitations:

- 1) No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any existing source any visible emissions with an opacity greater than 40%. Drilling for Rock Crushing Plant Number 1 (EU0010), Drilling for Rock Crushing Plant Number 2 (EU0020), and the Finish Screen (EU0070) are existing sources.
- 2) No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any new source any visible emissions with an opacity greater than 20%. The Bin on Primary Crusher

With Underconveyor (EU0030), Scalping Screen (EU0040), Secondary Crusher (EU0050), Conveyor From Secondary Crusher to Finish Screen (EU0060), Conveyor From Finish Screen to Secondary Crusher (EU0080), and Conveyor From Finish Screen to Haul Trucks (EU0090) are new sources.

- 3) Exception: A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six (6) minutes in any 60 minutes air contaminants with an opacity up to 60%.

Monitoring:

- 1) The permittee shall conduct opacity readings on these emission units (EU0010 through EU0090) using the procedures contained in USEPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight (8) consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two (2) weeks for a period of eight (8) weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
 - c) Observations must be made semi-annually. If a violation is noted, monitoring reverts to weekly. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency. If the source has already performed the weekly and biweekly monitoring and is doing monitoring in compliance with a previous permit, the weekly and biweekly monitoring do not need to be repeated.

Recordkeeping:

- 1) The permittee shall maintain records of all observation results (See Attachment D1 or D2.), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
- 2) The permittee shall maintain records of any equipment malfunctions. (See Attachment E.)
- 3) The permittee shall maintain records of any Method 9 test performed in accordance with this permit condition. (See Attachment F.)
- 4) Attachments D1, D2, E and F contain logs including these recordkeeping requirements. These logs, or equivalent forms created by the permittee, must be used to certify compliance with this requirement.
- 5) All records shall be maintained for five (5) years. They shall be kept onsite for at least two (2) years. They may be kept in either hard-copy form or on computer media.
- 6) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon their verbal request and presentation of identification.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determines, using the Method 9 test, that the emission unit(s) exceeded the opacity limit.
- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

EU0100 THROUGH EU0180 – NEW PART OF ROCK CRUSHING PLANT NUMBER 1, ROCK CRUSHING PLANT NUMBER 2, AND PUGMILL			
Emission Unit			EQ #
<i>New Part of Rock Crushing Plant Number 1</i>			
EU0100	Grizzly Feeder, constructed 2000, MHDR = 350 tons/hr	Cedarapids/4220-15 SN49517	EP-3A
EU0110	Primary Crusher, constructed 2002, MHDR = 350 tons/hr	Cedarapids/3042 SN 49131	EP-4A
EU0120	Conveyor From Primary Crusher to Scalping Screen, constructed 1987, MHDR = 225 tons/hr	Cedarapids	EP-5A
<i>Rock Crushing Plant Number 2</i>			
EU0130	Crusher, constructed 1999, MHDR = 350 tons/hr	Eagle/Ultramax 1400-45	EP-2E
EU0140	Conveyor From Crusher to Screen, constructed 1999, MHDR = 350 tons/hr	Superior	EP-3E
EU0150	Conveyor From Screen to Crusher, constructed 1999, MHDR = 350 tons/hr	Eagle	EP-4E
EU0160	Screen, constructed 1999, MHDR = 350 tons/hr	Cedarapids/862038B	EP-5E
EU0170	Conveyors From Screen to Haul Trucks, constructed 1999, MHDR = 350 tons/hr each	Eagle	EP-6E, EP-7E, and EP-8E
<i>Pugmill</i>			
EU0180	Pugmill Cold Bin, constructed 1990, MHDR = 450 tons/hr	Peerless/21191	EP-1B

PERMIT CONDITION (EU0100 THROUGH EU0180)-001

10 CSR 10-6.070 New Source Performance Regulations and
40 CFR Part 60, Subpart A General Provisions and Subpart OOO Standards of Performance for
Nonmetallic Mineral Processing Plants

Emission Limitations:

- 1) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which:
 - a) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); and [§60.672(a)(1)]

- b) Exhibit greater than seven percent (7%) opacity, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Facilities using a wet scrubber must comply with the reporting provisions of 1) in the Recordkeeping portion of this permit condition and 2) in the Reporting portion of this permit condition. [§60.672(a)(2)]
- 2) On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.11 of this part, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than ten percent (10%) opacity, except as provided in 3), 4), and 5) below. [§60.672(b)]
- 3) On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.11 of this part, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than fifteen percent (15%) opacity. [§60.672(c)]
- 4) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of section §60.672. [§60.672(d)]
- 5) If any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then each enclosed affected facility must comply with the emission limits in 1), 2), and 3) above, or the building enclosing the affected facility of facilities must comply with the following emission limits:
 - a) No owner or operator shall cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions except emissions from a vent as defined in §60.671. [§60.672(e)(1)]
 - b) No owner or operator shall cause to be discharged into the atmosphere from any vent of any building enclosing any transfer point on a conveyor belt or any other affected facility emissions which exceed the stack emissions limits in 1) above. [§60.672(e)(2)]
- 6) On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.11 of this part, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any baghouse that controls emissions from only an individual, enclosed storage bin, stack emissions which exhibit greater than 7% opacity. [§60.672(f)]
- 7) Owners or operators of multiple storage bins with combined stack emissions shall comply with the emission limits in 1)a) and 1)b) above.. [§60.672(g)]
- 8) On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup, no owner or operator shall cause to be discharged into the atmosphere any visible emissions from:
 - a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin. [§60.672(h)(1)]
 - b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line. [§60.672(h)(2)]

Monitoring:

- 1) The owner or operator of any affected facility subject to the provisions of this subpart which uses a wet scrubber to control emissions shall install, calibrate, maintain, and operate the following monitoring devices:
 - a) A device for the continuous measurement of the pressure loss of the gas stream through the scrubber. The monitoring device must be certified by the manufacturer to be accurate within ± 250 pascals ± 1 inch water gauge pressure and must be calibrated on an annual basis in accordance with manufacturer's instructions. [§60.674(a)]
 - b) A device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber. The monitoring device must be certified by the manufacturer to be accurate within ± 5 percent of design scrubbing liquid flow rate and must be calibrated on an annual basis in accordance with manufacturer's instructions. [§60.674(b)]
- 2) The owner of operator of any affected facility subject to the provisions of this subpart which does not use a wet scrubber (as described in §60.674) to control emissions shall use the following schedule to verify compliance with the Emission Limitations portion of this permit condition. [10 CSR 10-6.065(4)(M)]
 - a) The permittee shall conduct opacity readings on relevant emission units using the procedures contained in USEPA Test Method 22. Readings are only required on an emission unit when it is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
 - b) The following monitoring schedule must be maintained:
 - i) Observations must be made once per month. If a violation is noted:
 - ii) Weekly observations shall be conducted for a minimum of eight (8) consecutive weeks. Should no violation of this regulation be observed during this period, then –
 - iii) Observations must be made once every two (2) weeks for a period of eight (8) weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then
 - iv) Observations must be made once per month. If a violation is noted, monitoring reverts to weekly.
- 3) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of part 60 or other methods and procedures as specified in §60.675, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in §60.675(e). [§60.675(a)]
- 4) The owner or operator shall determine compliance with the particulate matter standards in 1) in the Emission Limitations portion of this permit condition as follows:
 - a) Method 5 or Method 17 shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 °C (250 °F), to prevent water condensation on the filter. [§60.675(b)(1)]
 - b) Method 9 and the procedures in §60.11 shall be used to determine opacity. [§60.675(b)(2)]
- 5) In determining compliance with the particulate matter standards in 2) and 3) in the Emission Limitations of this permit condition, the owner or operator shall use Method 9 and the procedures in §60.11, with the following additions:

- a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet) [§60.675(c)(1)(i)]
- b) The observer shall, when possible, select a position that minimizes interference from other fugitive emissions sources (e.g., road dust). The required observer position relative to the sun (method 9, Section 2.1) must be followed. [§60.675(c)(1)(ii)]
- c) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [§60.675(c)(1)(iii)]
- 6) In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under 6) in the Emissions Limitations portion of this permit condition, using Method 9, the duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [§60.675(c)(2)]
- 7) When determining compliance with the fugitive emissions standard for any affected facility described under 2) in the Emissions Limitations portion of this permit condition, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
 - a) There are no individual readings greater than ten percent (10%) opacity; and [§60.675(c)(3)(i)]
 - b) There are no more than three (3) readings of ten percent (10%) for the one (1) hour period. [§60.675(c)(3)(ii)]
- 8) When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under 3) in the Emission Limitations portion of this permit condition, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
 - a) There are no individual readings greater than fifteen percent (15%) opacity; and [§60.675(c)(4)(i)]
 - b) There are no more than three (3) readings of fifteen percent (15%) for the one (1) hour period. [§60.675(c)(4)(ii)]
- 9) In determining compliance with 5) in the Emission Limitations portion of this permit condition, the owner or operator shall use Method 22 to determine fugitive emissions. The performance test shall be conducted while all affected facilities inside the building are operating. The performance test for each building shall be at least seventy-five (75) minutes in duration, with each side of the building and the roof being observed for at least fifteen (15) minutes. [§60.675(d)]
- 10) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section.
 - a) For the method and procedures of 5) above, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:
 - i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream. [§60.675(e)(1)(i)]
 - ii) Separate the emissions so that the opacity of emissions from each affected facility can be read. [§60.675(e)(1)(ii)]
- 11) To comply with 2) in the Reporting portion of this permit condition, the owner or operator shall record the measurements as required in 1) in the Recordkeeping portion of this permit condition using the monitoring devices in 1)a) and 1)b) in the Monitoring portion of this permit condition during each particulate matter run and shall determine the averages. [§60.675(f)]

- 12) If, after thirty (30) days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting any rescheduled performance test required in this section, the owner or operator of an affected facility shall submit a notice to the Administrator at least seven (7) days prior to any rescheduled performance test. [§60.675(g)]
- 13) Initial Method 9 performance tests under §60.11 of Part 60 and §60.675 of Subpart OOO are not required for:
 - a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin. [§60.675(h)(1)]
 - b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line. [§60.675(h)(2)]

Recordkeeping:

- 1) During the initial performance test of a wet scrubber, and daily thereafter, the owner or operator shall record the measurements of both the change in pressure of the gas stream across the scrubber and the scrubbing liquid flow rate. [§60.675(c)]
- 2) The permittee shall maintain records of all observation results (see Attachments D1 or D2,) noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
- 3) The permittee shall maintain records of any equipment malfunctions. (See Attachment E.)
- 4) The permittee shall maintain records of any Method 9 test performed in accordance with this permit condition. (See Attachment F.)
- 5) All records shall be made available immediately for inspection to Department of Natural Resources personnel upon request.
- 6) All records shall be maintained for five years.

Reporting:

- 1) Each owner or operator seeking to comply with §60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment: [§60.676(a)]
 - a) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:
 - i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and
 - ii) The rated capacity in tons per hour of the replacement equipment.
 - b) For a screening operation:
 - i) The total surface area of the top screen of the existing screening operation being replaced and
 - ii) The total surface area of the top screen of the replacement screening operation.
 - c) For a conveyor belt:
 - i) The width of the existing belt being replaced and
 - ii) The width of the replacement conveyor belt.
 - d) For a storage bin:
 - i) The rated capacity in megagrams or tons of the existing storage bin being replaced and
 - ii) The rated capacity in megagrams or tons of replacement storage bins.
- 2) After the initial performance test of a wet scrubber, the owner or operator shall submit semiannual reports to the Administrator of occurrences when the measurements of the scrubber pressure loss (or

gain) and liquid flow rate differ by more than ± 30 percent from the averaged determined during the most recent performance test. These reports shall be postmarked within 30 days following end of the second and fourth calendar quarters

- 3) The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in §60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 2), 3) and 6) in the Emission Limitations portion of this permit condition, and reports of observations using Method 22 to demonstrate compliance with 5) in the Emission Limitations portion of this permit condition.

EU0190 – DIESEL ENGINE			
Emission Unit	Description	Manufacturer/Model #	2003 EIQ Reference #
EU0190	Diesel Engine on Rock Crushing Plant Number 2 Crusher, constructed 3/2/1999, 1.3 MMBtu/hr	Cummins/QSK19-P SN 37184051	EP-11E

PERMIT CONDITION EU0190-001
10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds

Emission Limitations:

- 1) Emissions from any new source operation shall not contain more than five hundred parts per million by volume (500 ppmv) of sulfur dioxide.
- 2) Stack gasses shall not contain more than thirty-five milligrams (35 mg) per cubic meter of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three hour time period.
- 3) No person shall cause or permit the emission of sulfur compounds from any source which causes or contributes to concentrations exceeding those specified in 10 CSR 10-6.010 Ambient Air Quality Standards.

Pollutant	Concentration by Volume	Remarks
Sulfur Dioxide (SO ₂)	0.03 parts per million (ppm) (80 micrograms per cubic meter (µg/m ³))	Annual arithmetic mean
	0.14 ppm (365 µg/m ³)	24-hour average not to be exceeded more than once per year
	0.5 ppm (1300 µg/m ³)	3-hour average not to be exceeded more than once per year
Hydrogen Sulfide (H ₂ S)	0.05 ppm (70 µg/m ³)	½-hour average not to be exceeded over 2 times per year
	0.03 ppm (42 µg/m ³)	½-hour average not to be exceeded over 2 times in any 5 consecutive days
Sulfuric Acid (H ₂ SO ₄)	10 µg/m ³	24-hour average not to be exceeded more than once in any 90 consecutive days
	30 µg/m ³	1-hour average not to be exceeded more than once in any 2 consecutive days

Operational Limitation:

This emission unit shall be limited to burning pipeline grade natural gas, fuel oil with a sulfur content of 0.5 percent by weight or less, or any combination of these two fuels.

Monitoring/Recordkeeping:

- 1) The permittee shall maintain an accurate record of the sulfur content of fuel used in this emission unit. Fuel purchase receipts, analyzed samples or certifications that verify the fuel type and sulfur content will be acceptable.
- 2) All records shall be maintained for five years. They shall be kept onsite for at least two years. They may be kept in either hard-copy form or on computer media.
- 3) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon their verbal request and presentation of identification.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after determining that the installation failed to meet the operational limitations in this permit condition.
- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

EU0200 THROUGH EU0240 – ASPHALT PLANT			
Emission Unit	Description	Manufacturer/Model #	2003 EIQ Reference #
EU0200	Asphalt Plant Cold Bins, constructed 1977, MHDR = 140 tons/hr	Homemade	EP-1
EU0210	Drum Dryer with 96.8 MMBtu/hr natural gas burner, constructed 1969, MHDR = 170 tons/hr	Cedarapids/7224B SN 31390	EP-2
EU0220	Elevators, Screens, Bins and Mixer, constructed 1969, MHDR = 170 tons/hr	Cedarapids/H340	EP-4
EU0230	Hot Asphalt Silo Loading, constructed 1969, MHDR = 170 tons/hr	Cedarapids/H340	EP-7
EU0240	Hot Asphalt Loadout, constructed 1969, constructed 1969, MHDR = 170 tons/hr	Cedarapids/H340	EP-8

PERMIT CONDITION (EU0200 THROUGH EU0240)-001

10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants

Emission Limitations:

- 1) No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any new source any visible emissions with an opacity greater than 20%. The Asphalt Plant Cold Bins (EU0200) are a new source for the purposes of this regulation.
- 2) No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any existing source any visible emissions with an opacity greater than 40%. The Drum Dryer

(EU0210); Elevators, Screens, Bins, and Mixer (EU0220); Hot Asphalt Silo Loading (EU0230); and Hot Asphalt Loadout (EU0240) are existing sources for the purposes of this regulation.

- 3) Exception: A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six (6) minutes in any 60 minutes air contaminants with an opacity up to 60%.

Monitoring:

- 1) The permittee shall conduct opacity readings on these emission units (EU0200 through EU0240) using the procedures contained in USEPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight (8) consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two (2) weeks for a period of eight (8) weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
 - c) Observations must be made semi-annually. If a violation is noted, monitoring reverts to weekly. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency. If the source has already performed the weekly and biweekly monitoring and is doing monitoring in compliance with a previous permit, the weekly and biweekly monitoring do not need to be repeated.

Recordkeeping:

- 1) The permittee shall maintain records of all observation results (See Attachment D1 or D2.), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
- 2) The permittee shall maintain records of any equipment malfunctions. (See Attachment E.)
- 3) The permittee shall maintain records of any Method 9 test performed in accordance with this permit condition. (See Attachment F.)
- 4) Attachments D1, D2, E and F contain logs including these recordkeeping requirements. These logs, or equivalent forms created by the permittee, must be used to certify compliance with this requirement.
- 5) All records shall be maintained for five (5) years. They shall be kept onsite for at least two (2) years. They may be kept in either hard-copy form or on computer media.
- 6) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon their verbal request and presentation of identification.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the permittee determines, using the

Method 9 test, that the emission unit(s) exceeded the opacity limit.

- 2) The permittee shall report any deviations from the monitoring, recordkeeping and reporting requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION (EU0210 AND EU0220)-002

10 CSR 10-6.060 Construction Permits Required

Construction Permit # 082005-023, Issued August 29, 2005

Operational Limitations:

- 1) The permittee shall control particulate matter emissions from the Drum Dryer (EU0210) and the Elevators (EU0220) with a cyclone and wet scrubber.
- 2) The cyclone and wet scrubber shall be operated and maintained in accordance with the manufacturers' specifications. The wet scrubber shall be maintained at its calculated efficiency of 98%.
- 3) The cyclone and wet scrubber shall be in use at all times that the asphalt plant is producing asphalt concrete

Monitoring:

- 1) The wet scrubber shall have affixed to it a plate inscribed with the manufacturer's design flow rate to the scrubber.
- 2) The wet scrubber shall be fitted with a device which will provide an easily read indication of the flow rate to the scrubber. This device shall be located near the plate required in 1) above, and shall read in the same units.

Recordkeeping:

- 1) The permittee shall maintain records of all inspections and maintenance on the cyclone and wet scrubber.
- 2) Attachment E contains a log including these recordkeeping requirements. This log, or an equivalent form created by the permittee, must be used to certify compliance with this requirement.
- 3) All records shall be maintained for five (5) years. They shall be kept onsite for at least two (2) years. They may be kept in either hard-copy form or on computer media.
- 4) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon their verbal request and presentation of identification.

Reporting:

The permittee shall report any deviations from the monitoring and recordkeeping requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION (EU0210 AND EU0220)-003

10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds

Emission Limitations:

- 1) Emissions from any existing source operation shall not contain more than five hundred parts per million by volume (2000 ppmv) of sulfur dioxide.

- 2) Stack gasses shall not contain more than seventy milligrams (70 mg) per cubic meter of sulfuric acid or sulfur trioxide or any combination of those gases averaged on any consecutive three hour time period.
- 3) No person shall cause or permit the emission of sulfur compounds from any source which causes or contributes to concentrations exceeding those specified in 10 CSR 10-6.010 Ambient Air Quality Standards.

Pollutant	Concentration by Volume	Remarks
Sulfur Dioxide (SO ₂)	0.03 parts per million (ppm) (80 micrograms per cubic meter (µg/m ³))	Annual arithmetic mean
	0.14 ppm (365 µg/m ³)	24-hour average not to be exceeded more than once per year
	0.5 ppm (1300 µg/m ³)	3-hour average not to be exceeded more than once per year
Hydrogen Sulfide (H ₂ S)	0.05 ppm (70 µg/m ³)	½-hour average not to be exceeded over 2 times per year
	0.03 ppm (42 µg/m ³)	½-hour average not to be exceeded over 2 times in any 5 consecutive days
Sulfuric Acid (H ₂ SO ₄)	10 µg/m ³	24-hour average not to be exceeded more than once in any 90 consecutive days
	30 µg/m ³	1-hour average not to be exceeded more than once in any 2 consecutive days

Monitoring/Recordkeeping/Reporting:

Calculations demonstrating that these units are always in compliance with the emission limitation in this permit condition are in Attachment G. The permittee shall keep this attachment with the rest of this permit. No additional monitoring, recordkeeping or reporting is required for this permit condition.

PERMIT CONDITION (EU0210 AND EU0220)-004

10 CSR 10-6.400 Restriction of Emission of Particulate Matter From Industrial Processes

Emission Limitation:

- 1) Particulate matter shall not be emitted from EU0210 and EU0220 in excess of 23.8 lb/hr.
- 2) This emission rate was calculated using the following equation:
For process weight rates of 60,000 lb/hr or more:
$$E = 55.0(P)^{0.11} - 40$$

Where:
E = rate of emission in lb/hr
P = process weight rate in ton/hr
- 3) The concentration of particulate matter in the exhaust gases shall not exceed 0.30 grain per standard cubic feet of exhaust gases.

Monitoring/Recordkeeping/Reporting:

The permittee is assumed always to be in compliance with this regulation. Calculations demonstrating compliance are in Attachment H. The permittee shall keep this attachment with this permit. No monitoring, additional recordkeeping or reporting is required for this permit condition.

EU0250 THROUGH EU0380 – STOCKPILES AND HAUL ROADS		
Emission Unit	Description	EQ #
<i>Stockpiles</i>		
EU0250	Rock Crushing Plant Number 1 Stockpile, 3 acres	EP-13A
EU0260	Rock Crushing Plant Number 2 Stockpile, 2 acres	EP-9E
EU0270	Pugmill Stockpile, 0.5 acre	EP-2B
<i>Shorter Unpaved Haul Roads</i>		
EU0280	Asphalt Plant Unpaved Haul Road, 0.2 mile, 4.533 VMT/hr	EP-6
EU0290	Pit to Rock Crushing Plant Number 1 Unpaved Haul Road, 0.1 mile, 5.833 VMT/hr	EP-16A
EU0300	Rock Crushing Plant Number 1 to Stockpile Unpaved Haul Road, 0.1 mile, 2.8 VMT/hr	EP-16A1
EU0310	Pit to Rock Crushing Plant Number 2 Unpaved Haul Road, 0.1 mile, 5.833 VMT/hr	EP-10E
EU0320	Rock Crushing Plant Number 2 to Stockpile Unpaved Haul Road, 0.1 mile, 2.8 VMT/hr	EP-10E1
<i>Longer Unpaved Haul Roads</i>		
EU0330	Rock Crushing Plant Number 1 Sales Unpaved Haul Road, 0.5 mile, 4.667 VMT/hr	EP-16A2
EU0340	Rock Crushing Plant Number 2 Sales Unpaved Haul Road, 0.2 mile, 9.333 VMT/hr	EP-10E2
<i>Paved Haul Roads</i>		
EU0350	Asphalt Plant Paved Haul Road, 0.6 mile, 13.6 VMT/hr	EP-6A1
EU0360	Rock Crushing Plant Number 1 Sales Paved Haul Road, 0.5 mile, 11.333 VMT/hr	EP-16A3
EU0370	Rock Crushing Plant Number 2 Sales Paved Haul Road, 0.5 mile, 11.333 VMT/hr	EP-10E3
EU0380	Pugmill Paved Haul Road, 0.3 mile, 6.8 VMT/hr	EP-3B

PERMIT CONDITION (EU0250 THROUGH EU0380)-001 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants
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Emission Limitation:

- 1) No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any existing source any visible emissions with an opacity greater than 40%.
- 2) Exception: A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six (6) minutes in any 60 minutes air contaminants with an opacity up to 60%.

Monitoring:

- 1) The permittee shall conduct opacity readings on these emission units (EU0250 through EU0380) using the procedures contained in USEPA Test Method 22. At a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind and the presence of uncombined water. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these

procedures, then no further observations would be required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.

- 2) The following monitoring schedule must be maintained:
 - a) Weekly observations shall be conducted for a minimum of eight (8) consecutive weeks after permit issuance. Should no violation of this regulation be observed during this period then-
 - b) Observations must be made once every two (2) weeks for a period of eight (8) weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then-
 - c) Observations must be made semi-annually. If a violation is noted, monitoring reverts to weekly. If the source reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner from the initial monitoring frequency. If the source has already performed the weekly and biweekly monitoring and is doing monitoring in compliance with a previous permit, the weekly and biweekly monitoring do not need to be repeated.

Recordkeeping:

- 1) The permittee shall maintain records of all observation results (See Attachment D1 or D2.), noting:
 - a) Whether any air emissions (except for water vapor) were visible from the emission units,
 - b) All emission units from which visible emissions occurred, and
 - c) Whether the visible emissions were normal for the process.
- 2) The permittee shall maintain records of any equipment malfunctions. (See Attachment E.)
- 3) The permittee shall maintain records of any Method 9 test performed in accordance with this permit condition. (See Attachment F.)
- 4) Attachments D1, D2, E and F contain logs including these recordkeeping requirements. These logs, or equivalent forms created by the permittee, must be used to certify compliance with this requirement.
- 5) All records shall be maintained for five (5) years. They shall be kept onsite for at least two (2) years. They may be kept in either hard-copy form or on computer media.
- 6) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon their verbal request and presentation of identification.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after the permittee determined using the Method 9 test that the emission unit exceeded the opacity limit.
- 2) Reports of any deviations from monitoring, recordkeeping and reporting requirements of this permit condition shall be submitted annually, in the annual monitoring report and compliance certification, as required by Section V of this permit.

PERMIT CONDITION (EU0250 THROUGH EU0270)-002

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Moisture Content Testing of Stockpiles Requirement:

Particulate emissions will be controlled by the moisture content of the stockpiled rock, which has been tested at greater than or equal to 2.0% by weight. The permittee shall conduct periodic moisture content tests to demonstrate continued compliance with the above moisture content of the stockpiled rock.

Monitoring:

- 1) The permittee shall conduct moisture content tests in accordance with the test methods and procedures prescribed in the American Society for Testing Materials (ASTM), Designation D-2216 *Standard Test Methods for Laboratory Determination of Water (moisture) Content of Soil or Rock*; ASTM C-566, *Standard Test Method for Total Moisture Content of Aggregate by Drying*; or other moisture content testing method(s) approved by the Director.
- 2) This testing shall be done at least once per year on each stockpile existing during that year.
- 3) Rock samples shall be obtained from the stockpiles.
- 4) If any test indicates that the moisture content of the stockpiled rock is less than 2.0% by weight, a second test must be done within 30 days. If this second test also indicates that the moisture content of the stockpiled rock is less than 2.0% by weight, then the permittee will immediately submit a request to amend this permit to account for the revised information.

Recordkeeping:

- 1) The permittee shall maintain records of all test results, including the following data:
 - a) Wet weight, dry weight, drying time, and moisture content of each rock sample;
 - b) Test date; and
 - c) Name and title of the individual performing the moisture content analysis.
- 2) All records shall be maintained for five (5) years. They shall be kept onsite for at least two (2) years. They may be kept in either hard-copy form or on computer media.
- 3) These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon their verbal request and presentation of identification.

Reporting:

- 1) The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after obtaining a second set of test results indicating a moisture content less than 2.0% in any stockpiled rock.
- 2) The permittee shall include copies of all test results for the year with this site's annual Emission Inventory Questionnaire.
- 3) Reports of any deviations from monitoring, recordkeeping and reporting requirements of this permit condition shall be submitted annually, in the annual monitoring report and compliance certification, as required by Section V of this permit.

PERMIT CONDITION (EU0250 THROUGH EU0320)-003

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Operational Requirement:

The permittee shall control the emission of particulate matter less than 10 microns in diameter (PM₁₀) from the fugitive emission sources at this site including, but not limited to, the shorter unpaved haul roads and the vehicular activity areas of the storage piles (EU0250 through EU0320) by consistently and correctly using the application of a water spray on these sources. This periodic watering shall be applied whenever conditions exist that would allow visible fugitive emissions from these sources to enter the ambient air beyond the property boundaries.

Monitoring/Recordkeeping:

- 1) The permittee shall keep records showing the locations, dates, and times of the periodic watering.
- 2) Attachment I contains a form satisfying these recordkeeping requirements. This form, or an equivalent form created by the permittee, must be used to certify compliance with this requirement.
- 3) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 4) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

The permittee shall report any deviations from the monitoring and recordkeeping requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION (EU0330 AND EU0340)-004

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Operational Requirements:

- 1) The permittee shall control the emission of particulate matter from the fugitive emission sources at this site including, but not limited to, the longer unpaved haul roads (EU0330 and EU0340) by the application of an oil spray. The permittee shall apply this oil spray as necessary to maintain the high level of PM₁₀ emissions control (90%) predicted for these sources whenever conditions exist that would allow the "appreciable visible emission" of particulate matter to occur from the surface of these unpaved roads.
- 2) a) The permittee shall use Missouri Petroleum MC30 Liquid Asphalt for the oil spray.
b) If the permittee desires to use an alternate oil spray, then the permittee shall submit this request in writing to the APCP's Enforcement Section for approval. If the alternate oil spray contains used oil, the permittee shall also obtain approvals from the Hazardous Waste Management Program and the Water Pollution Control Program of the Missouri Department of Natural Resources. (Refer to related Permit Condition PW003.) The permittee may use an alternate oil spray only after obtaining the appropriate approval(s) in written or electronic form.
- 3) The permittee shall apply the oil spray to the above fugitive emission sources at the manufacturer's recommended application rate for the specific dust control to be used at this site.

Monitoring:

The permittee shall conduct periodic visual inspections of the unpaved roads controlled by oil spray. These visual inspections shall examine and note the condition of the road surfaces especially for signs of wear (surface potholes, wash-boarding, ruts, etc.). The purpose of these inspections is to help determine the effectiveness of the dust control agent(s) being used and when the material needs to be re-applied to maintain the high level of control efficiency predicted for these sources.

Recordkeeping:

- 1) The permittee shall keep the following records on the longer unpaved haul roads (EU0330 and EU0340):
 - a) The estimated surface area of these unpaved haul roads;
 - b) The date, time, and approximate amount of material applied for each application of oil spray on

these unpaved haul roads; and

- c) Records of breakdowns and repairs for the equipment used to apply the oil spray.
- 2) Attachments E, J, and K contain forms satisfying these recordkeeping requirements. These forms, or equivalent forms created by the permittee, must be used to certify compliance with this requirement.
- 3) The permittee shall also keep a record of the manufacturer's recommended dosage rate for each oil spray used.
- 4) The permittee shall record the results of the periodic visual inspections required under the Monitoring portion of this permit condition.
- 5) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 6) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

The permittee shall report any deviations from the monitoring and recordkeeping requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION (EU0350 THROUGH EU0380)-005

10 CSR 10-6.060 Construction Permits Required
Construction Permit # 082005-023, Issued August 29, 2005

Operational Requirement:

The permittee shall control dust from the paved portions of the haul roads (EU0350 through EU0380) by periodically watering and/or washing such that no "appreciable visible emission" of particulate matter is allowed to occur from the surface of these paved roads while this installation is operating.

Monitoring/Recordkeeping:

- 1) The permittee shall keep records showing the locations, dates, and times of the periodic watering.
- 2) Attachment I contains a form satisfying these recordkeeping requirements. This form, or an equivalent form created by the permittee, must be used to certify compliance with this requirement.
- 3) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 4) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.

Reporting:

The permittee shall report any deviations from the monitoring and recordkeeping requirements of this permit condition in the annual monitoring report and compliance certification required by Section V of this permit.

IV. Core Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR), Code of State Regulations (CSR), and local ordinances for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

10 CSR 10-6.050 Start-up, Shutdown and Malfunction Conditions

- 1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
 - a) Name and location of installation;
 - b) Name and telephone number of person responsible for the installation;
 - c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
 - d) Identity of the equipment causing the excess emissions;
 - e) Time and duration of the period of excess emissions;
 - f) Cause of the excess emissions;
 - g) Air pollutants involved;
 - h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
 - i) Measures taken to mitigate the extent and duration of the excess emissions; and
 - j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
- 2) The permittee shall submit the paragraph 1 information list to the director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
- 3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
- 4) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
- 5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

10 CSR 10-6.060 Construction Permits Required

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

10 CSR 10-6.065 Operating Permits

The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months. [10 CSR 10-6.065(5)(B)1.A(III)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)1.C(II)] The permittee shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)3.B]

10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information

- 1) The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) in accordance with the requirements outlined in this rule.
- 2) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079.
- 3) The fees shall be due April 1 each year for emissions produced during the previous calendar year. The fees shall be payable to the Department of Natural Resources and shall be accompanied by the Emissions Inventory Questionnaire (EIQ) form or equivalent approved by the director.

10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

10 CSR 10-6.150 Circumvention

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin

- 1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.
- 2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.

- 3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
 - a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
 - b) Paving or frequent cleaning of roads, driveways and parking lots;
 - c) Application of dust-free surfaces;
 - d) Application of water; and
 - e) Planting and maintenance of vegetative ground cover.

10 CSR 10-6.180 Measurement of Emissions of Air Contaminants

- 1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.
- 2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
- 3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

10 CSR 10-3.030 Open Burning Restrictions

- 1) The permittee shall not conduct, cause, permit or allow a salvage operation, the disposal of trade wastes or burning of refuse by open burning.
- 2) Exception - Open burning of trade waste or vegetation may be permitted only when it can be shown that open burning is the only feasible method of disposal or an emergency exists which requires open burning.
- 3) Any person intending to engage in open burning shall file a request to do so with the director. The request shall include the following:
 - a) The name, address and telephone number of the person submitting the application; The type of business or activity involved; A description of the proposed equipment and operating practices, the type, quantity and composition of trade wastes and expected composition and amount of air contaminants to be released to the atmosphere where known;
 - b) The schedule of burning operations;
 - c) The exact location where open burning will be used to dispose of the trade wastes;
 - d) Reasons why no method other than open burning is feasible; and
 - e) Evidence that the proposed open burning has been approved by the fire control authority which has jurisdiction.
- 4) Upon approval of the open burning permit application by the director, the person may proceed with the operation under the terms of the open burning permit. Be aware that such approval shall not exempt Lead Belt Materials Co., Inc. from the provisions of any other law, ordinance or regulation.
- 5) The permittee shall maintain files with letters from the director approving the open burning operation and previous DNR inspection reports.

10 CSR 10-3.090 Restriction of Emission of Odors

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour.

This requirement is not federally enforceable.

Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone

- 1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
 - b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
 - d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
- 2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
 - a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
 - b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
 - c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
 - d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
 - e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
 - f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- 3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
- 4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *Federal Only - 40 CFR part 82*

10 CSR 10-6.280 Compliance Monitoring Usage
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- 1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Any other monitoring methods approved by the director.
- 2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
 - a) Monitoring methods outlined in 40 CFR Part 64;
 - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
 - c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
- 3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
 - a) Applicable monitoring or testing methods, cited in:
 - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
 - ii) 10 CSR 10-6.040, "Reference Methods";
 - iii) 10 CSR 10-6.070, "New Source Performance Standards";
 - iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
 - b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

V. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.B Permit Duration

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.C General Recordkeeping and Reporting Requirements

- 1) Recordkeeping
 - a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
 - b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources personnel upon request.
- 2) Reporting
 - a) All reports shall be submitted to the Air Pollution Control Program, Enforcement Section, P. O. Box 176, Jefferson City, MO 65102.
 - b) The permittee shall submit a report of all required monitoring by:
 - i) April 1st for monitoring which covers the January through December time period.
 - ii) Exception. Monitoring requirements which require reporting more frequently than annually shall report no later than 30 days after the end of the calendar quarter in which the measurements were taken.
 - c) Each report shall identify any deviations from emission limitations, monitoring, recordkeeping, reporting, or any other requirements of the permit.
 - d) Submit supplemental reports as required or as needed. Supplemental reports are required no later than ten days after any exceedance of any applicable rule, regulation or other restriction. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
 - i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7 of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.
 - ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.

- iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's annual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.
- e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.
- f) The permittee may request confidential treatment of information submitted in any report of deviation.

10 CSR 10-6.065 §(5)(C)1 and §(6)(C)1.D Risk Management Plan Under Section 112(r)

The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

- 1) June 21, 1999;
- 2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
- 3) The date on which a regulated substance is first present above a threshold quantity in a process.

10 CSR 10-6.065(5)(C)1.A General Requirements

- 1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.
- 2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit
- 3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- 4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.
- 5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted under this rule.
- 6) Failure to comply with the limitations and conditions that qualify the installation for an Intermediate permit make the installation subject to the provisions of 10 CSR 10-6.065(6) and enforcement action for operating without a valid part 70 operating permit.

10 CSR 10-6.065(5)(C)1.C Reasonably Anticipated Operating Scenarios

- 1) Two operating scenarios are anticipated at this installation. Scenario 1 is multi-plant operation of any combination of the four plants at this site owned by the permittee – rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill. Scenario 2 is multi-plant operation of any combination of the four plants in Scenario 1 *and* one or more additional, co-located plants which may not be owned by the permittee.
- 2) The permittee may change between these two operating scenarios without notice. Contemporaneous with changing from one operating scenario to another, the permittee shall record in a log the scenario under which the installation is operating.
- 3) Attachment L is a form satisfying this recordkeeping requirement. This form or an equivalent created by the permittee must be used to certify compliance with this requirement.
- 4) The permittee shall maintain these records for the most recent five years. They must be maintained on-site for two years. They may be kept in either written or electronic form.
- 5) The permittee shall immediately make these records available for inspection to any Department of Natural Resources personnel upon request.
- 6) The permittee shall report any deviations from the recordkeeping requirement of this general permit requirement in the annual monitoring report and compliance certification required by this General Permit Requirements Section.

10 CSR 10-6.065, §(5)(B)4; §(5)(C)1, §(6)(C)3.B; and §(6)(C)3.D; and §(5)(C)3 and §(6)(C)3.E.(I) – (III) and (V) – (VI) Compliance Requirements

- 1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
- 2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation's right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
 - a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
- 3) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
 - a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
 - b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
- 4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable

requirement specifies more frequent submission. These certifications shall be submitted to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and exceedances must be included in the compliance certifications. The compliance certification shall include the following:

- a) The identification of each term or condition of the permit that is the basis of the certification;
- b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
- c) Whether compliance was continuous or intermittent;
- d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
- e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)7 Emergency Provisions

- 1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
 - a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
 - b) That the installation was being operated properly,
 - c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
 - d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.
- 2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

10 CSR 10-6.065(5)(C)5 Off-Permit Changes

- 1) Except as noted below, the permittee may make any change in its permitted installation's operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Off-permit changes shall be subject to the following requirements and restrictions:
 - a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is a Title I modification; Please Note: Changes at the installation which affect the emission limitation(s) classifying the installation as an intermediate source (add additional equipment to the recordkeeping requirements, increase the emissions above major source level) do not qualify for off-permit changes.
 - b) The permittee must provide written notice of the change to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, no later than the next annual emissions report. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change; and

- c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes.

10 CSR 10-6.020(2)(R)12 Responsible Official

The application utilized in the preparation of this permit was signed by James Nausley, Treasurer. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

10 CSR 10-6.065 §(5)(E)4 and §(6)(E)6.A(III)(a)-(c) Reopening Permit for Cause

This permit may be reopened for cause if:

- 1) The Missouri Department of Natural Resources (MDNR) or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit;
- 2) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
 - a) The permit has a remaining term of less than three years;
 - b) The effective date of the requirement is later than the date on which the permit is due to expire; or
 - c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit;
- 3) MDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

10 CSR 10-6.065 §(5)(E)1.A and §(6)(E)1.C Statement of Basis

This permit is accompanied by a statement setting forth the legal and factual basis for the draft permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

VI. Attachments

Attachments follow.

ATTACHMENT A

Daily Ambient PM₁₀ Impact Tracking Record (for Use with Scenario 1)

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County, S12, T36N, R4E

Installation ID: 187-0001

This sheet covers the period from _____ to _____

Date	Rock Crushing Plant #1			Rock Crushing Plant #2			Asphalt Plant			Pugmill			Combined Daily PM ₁₀ Ambient Impact (µg/m ³)**
	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		
		0.0377			0.0358			0.0907			0.0385		

* Daily PM₁₀ Ambient Impact for each plant = its Daily Amount of Material Processed X its PM₁₀ Ambient Impact Factor

** Combined Daily PM₁₀ Ambient Impact = the sum of the Daily PM₁₀ Ambient Impacts for each of the four plants operated that day (each of the non-zero Daily PM₁₀ Ambient Impacts in that row) **If this is not more than 150 µg/m³, it indicates compliance for the day.**

ATTACHMENT B

PM₁₀ Compliance Worksheet

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County, S12, T36N, R4E

Installation ID: 187-0001

This sheet covers the month of _____ in the year of _____

Month	Rock Crushing Plant #1			Rock Crushing Plant #2			Asphalt Plant			Pugmill			Combined Monthly PM ₁₀ Emissions ² (Tons/Year)
	Amount of Material Processed Monthly (Tons)	PM ₁₀ Emission Factor (lbs/Ton)	Monthly PM ₁₀ Emissions ¹ (Tons)	Amount of Material Processed Monthly (Tons)	PM ₁₀ Emission Factor (lbs/Ton)	Monthly PM ₁₀ Emissions ¹ (Tons)	Amount of Material Processed Monthly (Tons)	PM ₁₀ Emission Factor (lbs/Ton)	Monthly PM ₁₀ Emissions ¹ (Tons)	Amount of Material Processed Monthly (Tons)	PM ₁₀ Emission Factor (lbs/Ton)	Monthly PM ₁₀ Emissions ¹ (Tons)	
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
		0.0533			0.0670			0.1382			0.0268		
Combined 12-Month PM ₁₀ Emissions ³													

Note 1: Monthly PM₁₀ Emissions for each plant = its Monthly Amount of Material Processed X its PM₁₀ Emission Factor X 0.0005 lb/ton

Note 2: Combined Monthly PM₁₀ Emissions = the sum of the Monthly PM₁₀ Emissions for each of the four plants operated in that month (each of the non-zero Monthly PM₁₀ Emissions in that row).

Note 3: Combined 12-Month PM₁₀ Emissions = the sum of the Combined Monthly PM₁₀ Emissions for this month and the last eleven months. **If this is less than 100 tons, it indicates compliance for the month.**

ATTACHMENT C **Daily Ambient PM₁₀ Impact Tracking Record (for Use with Scenario 2)**

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County, S12, T36N, R4E

Installation ID: 187-0001

This sheet covers the period from _____ to _____

Date	Rock Crushing Plant #1			Rock Crushing Plant #2			Asphalt Plant			Pugmill			Combined Daily PM ₁₀ Ambient Impact (µg/m ³)**
	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	Daily Amount of Material Processed (Tons)	PM ₁₀ Ambient Impact Factor (µg/m ³ / Ton)	Daily PM ₁₀ Ambient Impact (µg/m ³)*	
		0.0324			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		
		0.0342			0.0327			0.0945			0.0388		

* Daily PM₁₀ Ambient Impact for each plant = its Daily Amount of Material Processed X its PM₁₀ Ambient Impact Factor

** Combined Daily PM₁₀ Ambient Impact = the sum of the Daily PM₁₀ Ambient Impacts for each of the four plants operated that day (each of the non-zero Daily PM₁₀ Ambient Impacts in that row) **If this is not more than 127.5 µg/m³, it indicates compliance for the day.**

Method 22 (Outdoor) Observation Log

[illegible]

ATTACHMENT D2
Method 22 (Outdoor) Observation Log

This form or an equivalent form may be used for the recordkeeping requirements of 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*.

Method 22 (Outdoor) Observation Log		
Emission Unit		
Observer	Date	
Sky Conditions		
Precipitation		
Wind Direction	Wind Speed	
Sketch process unit: Indicate the position relative to the source and sun, mark the potential emission points and/or the observing emission points.		
Observation Clock Time	Observation Period Duration (minute: second)	Accumulative Emission Time (minute: second)
Begin Observation		
End Observation		

ATTACHMENT E

Inspection/Maintenance/Repair/Malfunction Log

[illegible]

ATTACHMENT F

Method 9 Opacity Emissions Observations

This form or an equivalent form may be used for the recordkeeping requirements of 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*.

Method 9 Opacity Emissions Observations								
Company						Observer		
Location						Observer Certification Date		
Date						Emission Unit		
Time						Control Device		
Hour	Minute	Seconds				Steam Plume (check if applicable)		Comments
		0	15	30	45	Attached	Detached	
	0							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
	11							
	12							
	13							
	14							
	15							
	16							
	17							
	18							
SUMMARY OF AVERAGE OPACITY								
Set Number	Time		Opacity					
	Start	End	Sum	Average				

Readings ranged from _____ to _____ % opacity.

Was the emission unit in compliance at the time of evaluation? _____

YES NO _____
Signature of Observer

ATTACHMENT G

Compliance Demonstration for Permit Condition (EU0210 AND EU0220)-003

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County

Installation ID: 187-0001

This attachment demonstrates that the Drum Dryer (EU0210) and the Elevators, Screens, Bins and Mixer (EU0220) are always in compliance with 10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*.

Table 11.1-5 of U.S. EPA document AP-42 gives an SO₂ emission factor of 0.0046 lb SO₂/ton asphalt for SCC 3-05-002-45. This Source Classification Code combines the Drum Dryer (EU0210) and the Elevators, Screens, Bins and Mixer (EU0220) for the asphalt plant into one entity. From the permit application, the MHDR for this entity is 170 tons asphalt/hr, and emissions go through an Esstee Model 750HE Air Washer wet scrubber with an overall control efficiency of 86% for SO_x to a stack with a flow rate of 28,000 cubic feet/min at a temperature of 160°F.

Converting 160°F to K gives

$$\text{Temperature} = (160^{\circ}F - 32^{\circ}F) \left(\frac{5^{\circ}C}{9^{\circ}F} \right) + 273 = 344K$$

Correcting the flow rate from cubic feet/min to standard cubic feet (scf)/min, where standard temperature is the EPA-defined value of 25°C (298K) gives

$$\text{Stack flow rate} = \left(\frac{\text{standard } 298K}{344K} \right) \left(\frac{28000 \text{ cubic feet}}{\text{min}} \right) = 24000 \text{ scf/min}$$

Calculating the SO₂ concentration in the stack gasses in English Engineering System units gives

$$\begin{aligned} \text{SO}_2 \text{ concentration} &= \left(\frac{170 \text{ tons Asphalt}}{\text{hr}} \right) \left(\frac{\text{hr}}{60 \text{ min}} \right) \left(\frac{0.0046 \text{ lb SO}_2}{\text{ton Asphalt}} \right) \left(1 - \frac{86}{100} \right) \left(\frac{\text{min}}{24000 \text{ scf}} \right) \\ &= 7.6 \times 10^{-8} \text{ lb SO}_2/\text{scf} \end{aligned}$$

Converting this to Systeme Internationale d'Unites and then to parts per million by volume, using conversion factors from Appendix A in U.S. EPA document AP-42, gives

$$\begin{aligned} \text{SO}_2 \text{ concentration} &= \left(\frac{7.6 \times 10^{-8} \text{ lb SO}_2}{\text{scf}} \right) \left(\frac{\text{scf}}{0.028317 \text{ m}^3} \right) \left(\frac{453.59 \text{ g}}{\text{lb}} \right) \left(\frac{10^6 \mu\text{g}}{\text{g}} \right) = 1200 \mu\text{g SO}_2/\text{m}^3 \\ &= \left(\frac{1200 \mu\text{g SO}_2}{\text{m}^3} \right) \left(\frac{1 \text{ ppmv SO}_2}{2610 \mu\text{g SO}_2} \right) \\ &= 0.46 \text{ ppmv SO}_2 \end{aligned}$$

This is much less than the allowable values of 2000 ppmv. The asphalt plant is located at least 640 feet (195 meters) from the property boundary, so it is reasonable to assume that the stack gasses will be diluted with more than 60,000 cubic meters of air (a 1-meter thick semicircle of air with a radius of 195 meters) by the time they reach the property boundaries. This gives an ambient air concentration of

$$\frac{1200 \mu\text{g SO}_2}{60000 \text{ m}^3 + 1 \text{ m}^3} = 0.020 \mu\text{g SO}_2/\text{m}^3, \text{ which is below the NAAQS allowable values.}$$

According to Note c on Table 11.1-5 in U.S. EPA document AP-42, half of the sulfur in the dryer's fuel is retained in the asphalt and half is emitted as SO₂, so there are no significant hydrogen sulfide (H₂S) or sulfuric acid (H₂SO₄) emissions.

ATTACHMENT H
Compliance Demonstration for Permit Condition (EU0210 AND EU0220)-004

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County

Installation ID: 187-0001

This attachment demonstrates that the Drum Dryer (EU0210) and the Elevators, Screens, Bins and Mixer (EU0220) are always in compliance with 10 CSR 10-6.400, *Restriction of Emission of Emission of Particulate Matter From Industrial Processes*.

Table 11.1-1 of U.S. EPA document AP-42 gives a PM emission factor of 0.14 lb PM/ton asphalt for SCC 3-05-002-45 when it is controlled by a wet scrubber. This Source Classification Code combines the Drum Dryer (EU0210) and the Elevators, Screens, Bins and Mixer (EU0220) for the asphalt plant into one entity. From the permit application, the MHDR for this entity is 170 tons asphalt/hr, and emissions go through an Esstee Model 750HE Air Washer wet scrubber scrubber with an overall control efficiency of 98% for PM to a stack with a flow rate of 28,000 cubic feet/min at a temperature of 160°F. Permit Condition (EU0210 and EU0220)-002 enforces the use of the wet scrubber.

The wet scrubber flow rate is equivalent to 24,000 standard cubic feet per minute. (See Attachment G for this calculation.)

170 tons is 340,000 pounds, which is over 60,000 pounds, so the calculation of allowable PM emission rate is $E = 55.0 P^{0.11} - 40$, where P is process weight in tons and E is PM emission rate in lb/hr.

Allowable PM emission rate = $55.0 \times (170)^{0.11} - 40 = 56.8$ lb PM/hr.

$$\text{Actual PM emission rate} = \left(\frac{170 \text{ tons Asphalt}}{\text{hr}} \right) \left(\frac{0.14 \text{ lb PM}}{\text{ton Asphalt}} \right) = 23.8 \text{ lb PM/hr}$$

Allowable PM concentration from 10 CSR 10-6.400 = 0.30 grain PM/scf

$$\text{Actual PM concentration} = \left(\frac{23.8 \text{ lb PM}}{\text{hr}} \right) \left(\frac{7000 \text{ gr PM}}{\text{lb PM}} \right) \left(\frac{\text{hr}}{60 \text{ min}} \right) \left(\frac{\text{min}}{24000 \text{ scf}} \right) = 0.12 \text{ grain PM/scf}$$

The actual PM emission rate of 23.8 lb/hr is less than half the allowable rate of 56.8 lb/hr. The actual PM concentration of 0.12 gr/scf is less than half of the allowable concentration of 0.30 gr/scf as it comes out the stack, and will be less at the property boundary.

ATTACHMENT I

Periodic Watering Log

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County

Installation ID: 187-0001

[illegible]

Stockpiles

EU0250 – Vehicular activity area around Rock Crushing Plant Number 1 Stockpile

EU0260 – Vehicular activity area around Rock Crushing Plant Number 2 Stockpile

EU0270 – Vehicular activity area around Pugmill Stockpile

Shorter Unpaved Haul Roads

EU0280 – Asphalt Plant Unpaved Haul Road, 0.2 mile

EU0290 – Pit to Rock Crushing Plant Number 1 Unpaved Haul Road, 0.1 mile

EU0300 – Rock Crushing Plant Number 1 to Stockpile Unpaved Haul Road, 0.1 mile

EU0310 – Pit to Rock Crushing Plant Number 2 Unpaved Haul Road, 0.1 mile

EU0320 – Rock Crushing Plant Number 2 to Stockpile Unpaved Haul Road, 0.1 mile

Paved Haul Roads

EU0350 – Asphalt Plant Paved Haul Road, 0.6 mile

EU0360 – Rock Crushing Plant Number 1 Sales Paved Haul Road, 0.5 mile

EU0370 – Rock Crushing Plant Number 2 Sales Paved Haul Road, 0.5 mile

EU0380 – Pugmill Paved Haul Road, 0.3 mile

ATTACHMENT J

Periodic Oil Spraying Log

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County

Installation ID: 187-0001

[illegible]

Longer Unpaved Haul Roads

EU0330 – Rock Crushing Plant Number 1 Unpaved Haul Road, 0.5 mile

EU0340 – Rock Crushing Plant Number 2 Sales Unpaved Haul Road, 0.2 mile

ATTACHMENT K
Surface Area of Longer Unpaved Haul Roads (EU0330 and EU0340)

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County

Installation ID: 187-0001

The figures below are current as of _____, _____ (Month dd,yyyy)

EU # (See list below) or Segment Description	Segment Length (ft)	Segment Width (ft)	Segment Area (ft ²)

Longer Unpaved Haul Roads

EU0330 – Rock Crushing Plant Number 1 Unpaved Haul Road, 0.5 mile

EU0340 – Rock Crushing Plant Number 2 Sales Unpaved Haul Road, 0.2 mile

ATTACHMENT L

Operating Scenario Change Log

Company Name: Lead Belt Materials Co. Inc.

Installation Location: 600 Mill St., Park Hills, MO 63601

St. Francois County

Installation ID: 187-0001

Scenario 1 is multi-plant operation of any combination of the four plants at this site owned by the permittee – rock crushing plants Number 1 and Number 2, asphalt plant, and pugmill.

Scenario 2 is multi-plant operation of any combination of the four plants in Scenario 1 *and* one or more additional, co-located plants which may not be owned by the permittee.

[illegible]

STATEMENT OF BASIS

Voluntary Limitations

In order to qualify for this Intermediate State Operating Permit, the permittee has accepted voluntary, federally enforceable emission limitations. Per 10 CSR 10-6.065(5)(C)1.A.(VI), if these limitations are exceeded, the installation immediately becomes subject to 10 CSR 10-6.065(6) and enforcement action for operating without a valid part 70 operating permit. It is the permittee's responsibility to monitor emission levels and apply for a part 70 operating permit far enough in advance to avoid this situation. This may mean applying more than eighteen months in advance of the exceedance, since it can take that long or longer to obtain a part 70 operating permit.

Permit Reference Documents

These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

- 1) Intermediate Operating Permit Applications (Project Nos. 2002-07-061 and 2002-07-063), received July 8, 2002; revised February 26, 2003 and November 9, 2005;
- 2) 2005 Emissions Inventory Questionnaire, received March 29, 2006;
- 3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition.
- 4) Construction Permit 0295-002, issued January 11, 1995;
- 5) Construction Permit 0699-006, issued May 19, 1999; and
- 6) Construction Permit 122002-005, issued November 25, 2002.

The three construction permits in this list were not incorporated by reference because they were superseded by Construction Permit 082005-023.

Reasons for Listing Emission Unit as Without Limitations

Unloading Rock to Grizzly Feeder at Rock Crushing Plant Number 1 is exempt from 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*, because, per §(1)(G), it is truck dumping of nonmetallic minerals into a feed hopper. It is exempt from 10 CSR 10-6.400, *Restriction of Emission of Particulate Matter From Industrial Processes*, because, per §(1)(B)7, it has only fugitive emissions. No other regulations apply to this emission unit. Unloading rock to Crusher at Rock Crushing Plant Number 2 is listed as without limitations for the same reasons.

This intermediate installation has a Gencor Model Hy-Way SFGO-130-4097 asphalt heater rated at 1.24 MMBtu/hr which emits only combustion products, combusts only natural gas, and produces less than 150 lbs/day of any air contaminant. Such emission units are exempt from operating permit requirements.

The installation has three storage tanks for asphalt, four for #2 diesel fuel oil, and one for gasoline. None of these tanks are subject to 40 CFR Part 60 Subparts K, Ka, or Kb. See "New Source Performance Standards (NSPS) Applicability" in this Statement of Basis for further explanation. No other regulations apply to these tanks.

Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits

In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

The permit application stated that Drilling for Rock Crushing Plant Number 1 (EU0010) and Drilling for Rock Crushing Plant Number2 (EU0020) are exempt units. However, 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*, applies to these emission units.

Other Air Regulations Determined Not to Apply to the Operating Permit

The Air Pollution Control Program (APCP) has determined that the following requirements are not applicable to this installation at this time for the reasons stated.

- 1) 10 CSR 10-3.060, *Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*
The only emission unit at this installation to which this regulation could apply is the asphalt heater. This heater is exempt. See “Reasons for Listing Emission Units as Without Limitations” in this Statement of Basis for further explanation.
- 2) 10 CSR 10-6.100, *Alternate Emission Limits*
This rule is not applicable because the installation is in an ozone attainment area.

Construction Permit Revisions

- 1) The form in Attachment B in Construction Permit 082005-023 was incorrect – it confused combined monthly PM₁₀ emissions with combined 12-month PM₁₀ emissions. The form, which is also Attachment B in this operating permit, was changed.
- 2) Construction Permit 082005-023 required periodic watering and/or washing of the paved haul roads, but did not specify any reporting requirements. In order to make this permit condition enforceable, this operating permit adds reporting requirements.

Also, the following three items, while not revisions, should be noted.

First, Construction Permits 0295-002, 0699-006, and 122002-005 are no longer in force. Construction Permit 082005-023 specifically superseded them, in its Special Condition 13.

Second, the moisture content testing requirement for inherent moisture (Special Condition 7 of Construction Permit 082005-023) and the performance testing requirements (Special Condition 9 of same permit) have already been met, so they are not included in this permit.

Third, Special Condition 9 in Construction Permit 082005-023 required performance testing for 40 CFR Part 60 Subparts I and OOO for all equipment subject to the requirements of these New Source Performance standards. Subpart I does not apply to any equipment at this plant. See “New Source Performance Standards (NSPS) Applicability” in this Statement of Basis for further explanation.

New Source Performance Standards (NSPS) Applicability

- 1) 40 CFR Part 60 Subpart I, *Standards of Performance for Hot Mix Asphalt Facilities*, applies to any combination of the following for which construction or modification commenced after June 11, 1973: [§60.90(a)]
 - a) Dryers;
 - b) Systems for screening, handling, storing, and weighing hot aggregate;
 - c) Systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and,
 - d) Loading, transfer, and storage systems associated with emission control systems.

The asphalt heater, Asphalt Plant Cold Bins (EU0200), Asphalt Plant Unpaved Haul Road (EU0280), Asphalt Plant Paved Haul Road (EU0350) are not associated with emission control systems, so they do not fit any of the equipment descriptions in the list above and are therefore exempt from this regulation. The Drum Dryer (EU0210), Elevators, Screens, Bins, and Mixer (EU0220), Hot Asphalt Silo Loading (EU0230), and Hot Asphalt Loadout (EU0240) were all constructed in 1969, and are therefore exempt. This is all of the equipment in this installation's asphalt plant, so this regulation does not apply to this installation.

- 2) 40 CFR Part 60 Subpart K, *Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978*; Subpart Ka, *Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984*; and Subpart Kb, *Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984* do not apply to this installation. The smaller two of the three storage tanks for asphalt, all four storage tanks for #2 diesel fuel oil, and the storage tank for gasoline are exempt because they have capacities less than 20,000 gallons each. The 25,000-gallon storage tank for asphalt is below the minimum size of tanks subject to Subparts K and Ka. It has a capacity between 75 m³ (20,000 gallons) and 151 m³ (40,000 gallons), but is not subject to Subpart Kb because the asphalt has a true vapor pressure less than 15.0 kPa. According to the Asphalt Institute, "at a typical inventory temperature of 325°F, the VP of petroleum asphalt is less than 0.01 psia (1.5e⁻³ kPa)". A search of paving asphalt Material Safety Data Sheets on the Internet found that vapor pressure is often omitted on these, and, when present, is small. Some of the values found were <0.01 mmHG, 1 psia, and 63 torr (mmHG). While there is considerable difference in these values, even the largest converts to less than 9 kPa, or a little over half of the 15.0 kPa threshold.
- 3) 40 CFR Part 60 Subpart UU, *Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture* applies to asphalt roofing plants (plants which produce asphalt roofing products), asphalt processing plants (plants which blow asphalt for use in the manufacture of asphalt products), and petroleum refineries. The facility does not fit any of these definitions of an affected facility, so this rule does not apply.

- 4) 40 CFR Part 60 Subpart OOO, *Standards of Performance for Nonmetallic Mineral Processing Plants*, does not apply to the following emission units, because, per §60.670(e), they were constructed before August 31, 1983.

- EU0030, Bin on Primary Crusher With Underconveyor, constructed before 1977
- EU0040, Scalping Screen, constructed 1980
- EU0050, Secondary Crusher, constructed 1978
- EU0060, Conveyor From Secondary Crusher to Finish Screen, constructed before 1977
- EU0070, Finish Screen, constructed 1948
- EU0080, Conveyor From Finish Screen to Secondary Crusher, constructed before 1977
- EU0090, Conveyor From Finish Screen to Haul Trucks, constructed before 1977

It does not apply to the following emission units, because they are not in the list of affected facilities in §60.670(a)(1). (The last three are storage *piles*, not storage *bins*.)

- EU0190, Diesel Engine on Rock Crushing Plant Number 2 Crusher
- EU0250, Rock Crushing Plant Number 1 Stockpile
- EU0260, Rock Crushing Plant Number 2 Stockpile
- EU0270, Pugmill Stockpile

It applies to all of the other emission units in Rock Crushing Plant Number 1 and Rock Crushing Plant Number 2 and the Pugmill.

None of the other NSPS standards apply to this installation.

Maximum Available Control Technology (MACT) Applicability

The facility does not emit any single hazardous air pollutant (HAP) in an amount greater than 10 tons per year nor does the facility emit any combination of HAP in an amount greater than 25 tons per year. Therefore, MACT regulations are not applicable to this facility.

National Emission Standards for Hazardous Air Pollutants Applicability

In the permit application and according to APCP records, there was no indication that any Missouri Air Conservation Law, *Asbestos Abatement*, 643.225 through 643.250; 10 CSR 10-6.080, *Emission Standards for Hazardous Air Pollutants*; Subpart M, *National Standards for Asbestos*; and 10 CSR 10-6.250, *Asbestos Abatement Projects - Certification, Accreditation, and Business Exemption* apply to this installation. The installation is subject to these regulations if they undertake any projects that deal with or involve any asbestos containing materials. None of the installation's operating projects underway at the time of this review deal with or involve asbestos containing material. Therefore, the above regulations were not cited in the operating permit. If the installation should undertake any construction or demolition projects in the future that deal with or involve any asbestos containing materials, the installation must follow all of the applicable requirements of the above rules related to that specific project.

None of the other NESHAP standards apply to this installation.

Other Regulatory Determinations

- 1) 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*, does not apply to the Diesel Engine on Rock Crushing Plant Number 2 Crusher (EU0190) because, per §(1)(A), it is an internal

combustion engine operated in the outstate area. It does not apply to the following emission units because, per §(1)(H), they are regulated by 40 CFR Part 60 Subpart OOO.

- EU0100, Grizzly Feeder
- EU0110, Primary Crusher
- EU0120, Conveyor From Primary Crusher to Scalping Screen
- EU0130, Crusher
- EU0140, Conveyor From Crusher to Screen
- EU0150, Conveyor From Screen to Crusher
- EU0160, Screen
- EU0170, Conveyors From Screen to Haul Trucks
- EU0180, Pugmill Cold Bin

- 2) 10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*, does not apply to the following emission units because, according the U.S. EPA's FIRE software, units with these System Classification Codes (SCCs) do not emit sulfur compounds.

- EU0230, Hot Asphalt Silo Loading (SCC 3-05-002-13)
- EU0240, Hot Asphalt Loadout (SCC 3-05-002-14)

- 3) 10 CSR 10-6.400, *Restriction of Emission of Particulate Matter From Industrial Processes*, does not apply to the following emission units because, per §(1)(B)2, they are grinding, crushing, and classifying operations at a rock quarry.

- EU0030, Bin on Primary Crusher With Underconveyor
- EU0040, Scalping Screen
- EU0050, Secondary Crusher
- EU0070, Finish Screen
- EU0100, Grizzly Feeder
- EU0110, Primary Crusher
- EU0130, Crusher
- EU0160, Screen

It does not apply to the following emission units, because, per §(1)(B)7, they have only fugitive emissions.

- EU0010, Drilling for Rock Crushing Plant Number 1
- EU0020, Drilling for Rock Crushing Plant Number 2
- EU0060, Conveyor From Secondary Crusher to Finish Screen
- EU0080, Conveyor From Finish Screen to Secondary Crusher
- EU0090, Conveyors From Finish Screen to Haul Trucks
- EU0120, Conveyor From Primary Crusher to Scalping Screen
- EU0140, Conveyor From Crusher to Screen
- EU0150, Conveyor From Screen to Crusher
- EU0170, Conveyors From Screen to Haul Trucks
- EU0180, Pugmill Cold Bin
- EU0200, Asphalt Plant Cold Bins
- EU0230, Hot Asphalt Silo Loading
- EU0240, Hot Asphalt Loadout
- EU0250, Rock Crushing Plant Number 1 Stockpile
- EU0260, Rock Crushing Plant Number 2 Stockpile
- EU0270, Pugmill Stockpile

EU0280, Asphalt Plant Unpaved Haul Road, 0.2 mile
EU0290, Pit to Rock Crushing Plant Number 1 Unpaved Haul Road, 0.1 mile
EU0300, Rock Crushing Plant Number 1 to Stockpile Unpaved Haul Road, 0.1 mile
EU0310, Pit to Rock Crushing Plant Number 2 Unpaved Haul Road, 0.1 mile
EU0320, Rock Crushing Plant Number 2 to Stockpile Unpaved Haul Road, 0.1 mile
EU0330, Rock Crushing Plant Number 1 Sales Unpaved Haul Road, 0.5 mile
EU0340, Rock Crushing Plant Number 2 Sales Unpaved Haul Road, 0.2 mile
EU0350, Asphalt Plant Paved Haul Road, 0.6 mile
EU0360, Rock Crushing Plant Number 1 Sales Paved Haul Road, 0.5 mile
EU0370, Rock Crushing Plant Number 2 Sales Paved Haul Road, 0.5 mile
EU0380, Pugmill Paved Haul Road, 0.3 mile

It does not apply to the following emission unit, because, per §(2)(A), there is no process weight for it. The only materials introduced into this engine are the diesel fuel, which is a liquid used solely for fuel, and air introduced for the purpose of combustion.

EU0190, Diesel Engine on Rock Crushing Plant Number 2 Crusher

Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons.

- 1) The specific pollutant regulated by that rule is not emitted by the installation.
- 2) The installation is not in the source category regulated by that rule.
- 3) The installation is not in the county or specific area that is regulated under the authority of that rule.
- 4) The installation does not contain the type of emission unit which is regulated by that rule.
- 5) The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the Air Pollution Control Program's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the APCP a schedule for achieving compliance for that regulation(s).

Prepared by:

Cheryl Steffan
Environmental Engineer

CERTIFIED MAIL,
RETURN RECEIPT REQUESTED

Mr. James Nausley, Treasurer
Lead Belt Materials Co., Inc.
PO Box 607
600 Mill St.
Park Hills, MO 63601

Re: Lead Belt Materials Co., Inc., 187-0001
Permit Number:

Dear Mr. Nausley:

Enclosed with this letter is your intermediate operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important you read and understand the requirements contained in your permit.

If you have any questions or need additional information regarding this permit, please contact the Air Pollution Control Program at (573) 751-4817, or write to the Department of Natural Resources' Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102. Thank you for your time and consideration.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.
Operating Permit Unit Chief

MJS: csk

Enclosures

c: Ms. Tamara Freeman, US EPA Region VII
Southeast Regional Office
PAMS File: 2002-07-063

CERTIFIED MAIL, 70052570000215846716
RETURN RECEIPT REQUESTED

Mr. James Nausley, Treasurer
Lead Belt Materials Co., Inc.
PO Box 607, 600 Mill St.
Park Hills, MO 63601

Re: Draft Intermediate Operating Permit – Project PAMS: 2002-07-063

Dear Mr. Nausley:

The Air Pollution Control Program (APCP) completed the preliminary review of your Intermediate (Title V) permit application. A public notice will be placed in the St. Francois County Daily Journal on Wednesday, January 3, 2007.

The APCP will accept comments regarding the draft permit that are postmarked on or before the closing date. It is very important you read and understand this legal document. You will be held responsible for complying with this document.

Please address comments or recommendations for changes to my attention at:

Operating Permits Unit
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102

A copy of this draft is also being sent to the U.S. EPA's Region VII office in Kansas City for their review. The Region VII office is afforded, by law, oversight authority on any Title V permit which Missouri (or any of the other states in the

Mr. James Nausley
Page Two

region) may propose to issue. A public hearing may be held if interest is expressed by the public.

Should you have any questions, or wish clarification on any items in this draft permit, please contact me at (573) 751-4817, or write to the Department of Natural Resources' Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102. Thank you for your time and attention.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Cheryl Steffan
Environmental Engineer

CAS/kdm

Enclosures

c: Ms. Tamara Freeman, US EPA Region VII
Southeast Regional Office
PAMS File: 2002-07-063

Ms. Laurel L. Kroack, Chief, Bureau of Air
Illinois Environmental Protection Agency
Division of Air Pollution Control
PO Box 19276, 1021 N. Grand Ave. E.
Springfield, IL 62702

RE: Affected States Review – Notification of Proposed Final Intermediate Operating Permit

Dear Ms. Kroack:

In accordance with Missouri State Rule 10 CSR 10-6.065(5)(F)1. and the Clean Air Act this letter is to notify you of public notice of the preliminary draft and request for comments for:

Lead Belt Materials Co., Inc. located in Park Hills, MO 63601

Project Number – 2002-07-063

Public notice will be published in the St. Francois County Daily Journal in Park Hills, MO on Wednesday, January 3, 2007.

You are invited to submit any relevant information, materials, and views in support of or in opposition to the draft operating permits in writing by no later than February 2, 2007 to my attention at Missouri Department of Natural Resources' Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102.

Should you require further information or documentation on this matter, please contact the Operating Permits Unit at (573) 751-4817, or write to the Department of Natural Resources' Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102. Thank you for your time and attention.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.
Operating Permit Unit Chief

MJS: csk

c: Ms. Tamara Freeman, US EPA Region VII
Southeast Regional Office
PAMS File: 2002-07-063

For Publication on Wednesday, January 3, 2007

Notice of documents available for public viewing
Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program

A draft-operating permit has been issued for the following air pollution sources:

Installation	City	Project #
Lead Belt Materials Co., Inc.	Park Hills	2002-07-063

Activities included in these permits are all activities involved in the operation of these sources with the potential for producing regulated quantities of regulated air pollutants.

Copies of the draft permits are available for public comment. Public files containing copies of all non-confidential materials and a copy or summary of other materials, if any, considered in this draft permit, are available for public viewing at the following locations: MO Dept. of Natural Resources, Southeast Regional Office, 2155 N. Westwood Blvd., Poplar Bluff, MO 63901 or by written request from the Air Pollution Control Program, Operating Permits Unit, P.O. Box 176, Jefferson City, MO 65102 (Information deemed confidential business information pursuant to Missouri State Rule 10 CSR 10-6.210, *Confidential Information*, if any exists, is not included in the public files. Emission data, as defined by this rule, cannot be considered confidential business information.)

The file is available for viewing through February 2, 2007. Citizens are invited to submit any relevant information, materials, and views in support of or in opposition to the draft operating permits in writing no later than February 2, 2007. Written comments and/or requests for public hearing should be sent to Mr. Jim Kavanaugh, Missouri Department of Natural Resources, Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102.

The Air Pollution Control Program will hold an informal public hearing after an additional 30 day comment period on the draft permit if: 1.) A timely request is made for such a hearing during the public comment period; and 2.) The person requesting the hearing identifies material issues concerning the preliminary determination and the Air Pollution Control Program determines that a public hearing will be useful in resolving those issues.

This public notice is made pursuant to Missouri State Rule 10 CSR 10-6.065, Operating Permits.

St. Francois County Daily Journal
PO Box A
1513 St. Joe Drive
Park Hills, MO 63601

Attention: Legal Ads

To Whom It May Concern:

We wish to place the attached legal advertisement in your newspaper to be run ONCE. It must run on Wednesday, January 3, 2007.

We require a certified affidavit of publication be received in our office by January 17, 2007. Please submit the affidavit and invoice for payment to:

Attention: Cheri Bechtel
Department of Natural Resources
Air Pollution Control Program
P. O. Box 176
Jefferson City, MO 65102

If you have any questions, please contact me at (573) 751-4817. Thank you for your assistance.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.
Operating Permits Unit Chief

MJS/csk

c: Cheri Bechtel, Procurement Clerk
PAMS File: 2002-07-063

MISSOURI DEPARTMENT OF NATURAL RESOURCES FOLDER TRANSMITTAL ROUTING SHEET		Document #: Division Log #: Program Log #:
DEADLINE: Date		Penalty for Missing Deadline: None
Lead Belt Materials Co., Inc.		2002-07-063
Originator: Cheryl Steffan		Telephone: (573) 751-4817
Typist: Karla Marshall		Date:
File: P:/APCP/Permits/Users/Operating Permits/Permits on Public Notice/ Permits on Public Notice 2006/2002-07-063 Lead Belt Materials Co Inc.doc		
FOR SIGNATURE APPROVAL OF:		
<input type="checkbox"/> DNR Director <input type="checkbox"/> DNR Deputy Director <input type="checkbox"/> Division Director <input type="checkbox"/> Division Deputy Director X Other: James L. Kavanaugh		
PROGRAM APPROVAL: Approved by: _____		
Program: APCP Date: _____		
Other Program Approval (Section/Unit): _____		
Date: _____		
Comments:		
ROUTE TO:		
<input type="checkbox"/> DIVISION DIRECTOR APPROVAL: _____		Date: _____
Comments:		
<input type="checkbox"/> FINANCIAL REVIEW – DIVISION OF ADMINISTRATIVE SUPPORT:		
DAS Director: _____		Date: _____
<input type="checkbox"/> Fee Worksheet Received By: _____		Date: _____
Accounting: _____		Date: _____
Budget: _____		Date: _____
General Services: _____		Date: _____
Internal Audit: _____		Date: _____
Purchasing: _____		Date: _____
Comments:		
<input type="checkbox"/> LEGAL REVIEW:		
<input type="checkbox"/> General Counsel: _____		Date: _____
<input type="checkbox"/> AGO: _____		Date: _____
Comments:		
<input type="checkbox"/> DEPARTMENT DIRECTOR APPROVAL: _____		Date: _____
Comments:		
<input type="checkbox"/> NOTARIZATION NEEDED		
		INITIALS/DATE